

# Shihab Al-Daffaie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4344362/publications.pdf>

Version: 2024-02-01

25  
papers

100  
citations

1684188

5  
h-index

1872680

6  
g-index

25  
all docs

25  
docs citations

25  
times ranked

79  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and implementation of a terahertz lens-antenna for a photonic integrated circuits based THz systems. Scientific Reports, 2022, 12, 1476.	3.3	6
2	Terahertz nanodevices for photonic integrated circuits. , 2022, , .		1
3	Continuous-wave terahertz emitter with hybrid nanoelectrodes based on graphene and nanowire. OSA Continuum, 2020, 3, 1826.	1.8	8
4	High Performance Graphene-Based CW THz Photoconductive Detector. , 2020, , .		2
5	Highly Transparent Graphene Electrodes for CW THz Applications. , 2020, , .		2
6	Design and Implementation of a Terahertz Integrated Lens-Antenna for a Nanocontacts Based Photomixer. , 2019, , .		1
7	Experimental Investigation of Graphene Layers as 2D Nanoelectrode for Continuous Wave Terahertz Generation. , 2019, , .		4
8	Sliver Nanowire Surface Plasmon Polaritons enhancement in Terahertz Nanodevices. , 2019, , .		0
9	Direct Near-Field Observation of Surface Plasmon Polaritons on Silver Nanowires. ACS Omega, 2019, 4, 21962-21966.	3.5	13
10	High-frequency photocathode based on CNT-yarn emitter and GaAs photoswitch. , 2018, , .		0
11	Graphene Enhanced 2-D Nanoelectrode for Continuous Wave Terahertz Photomixers. , 2018, , .		5
12	First Demonstration of Continuous Wave Terahertz Radiation from Semi-Insulating GaAs Photomixer with Nanowire. , 2018, , .		1
13	Resonant tunneling transport in $Zn_xBe_{1-x}Se/ZnSe/Zn_yBe_{1-y}Se$ asymmetric quantum structures. , 2017, , .		0
14	Efficiency enhancement of InGaN/GaN light-emitting diodes with pin-doped GaN quantum barrier. Journal Physics D: Applied Physics, 2017, 50, 035108.	2.8	6
15	1.33 THz room-temperature quantum cascade lasers based on ZnMgSe/ZnSe. , 2017, , .		2
16	Graphene " Nanowire hybrid photomixer for continuous-wave terahertz generation. , 2017, , .		6
17	Zero-bias Schottky diode based THz detectors at room temperature using metallic nanowire. , 2016, , .		2
18	CW THz photomixers at 850 nm and 1550 nm using dielectrophoretic alignment of Ag-nanowire. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Plasmonics in semiconductors and in Ag submicron wires and graphene. Lithuanian Journal of Physics, 2016, 55, .	0.4	0
20	Fully integrated vertical nanocontact photomixer for continuous-wave terahertz generation. , 2015, , .		1
21	1-D and 2-D Nanocontacts for Reliable and Efficient Terahertz Photomixers. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 398-405.	3.1	22
22	Electron field emission from nanostructured semiconductors under photo illumination. Turkish Journal of Physics, 2014, 38, 543-562.	1.1	5
23	Single nanowire photomixer for reliable and high frequency continuous wave terahertz generation. , 2014, , .		2
24	Graphene LTG-GaAs photomixer for reliable continuous wave terahertz generation. , 2013, , .		5
25	Nanogrid-based vertically integrated photomixer for continuous wave terahertz generation. , 2012, , .		5